

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070721\
 Data File : VD069617.D
 Acq On : 07 Jul 2021 19:23
 Operator : VA/SY
 Sample : M2946-04
 Misc : 6.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4

Quant Time: Jul 08 01:09:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	512401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1057557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1167243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	529985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	385588	60.371	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.740%
35) Dibromofluoromethane	7.914	113	377664	52.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.660%
50) Toluene-d8	10.338	98	1413162	52.700	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.400%
62) 4-Bromofluorobenzene	12.626	95	552382	62.660	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.320%

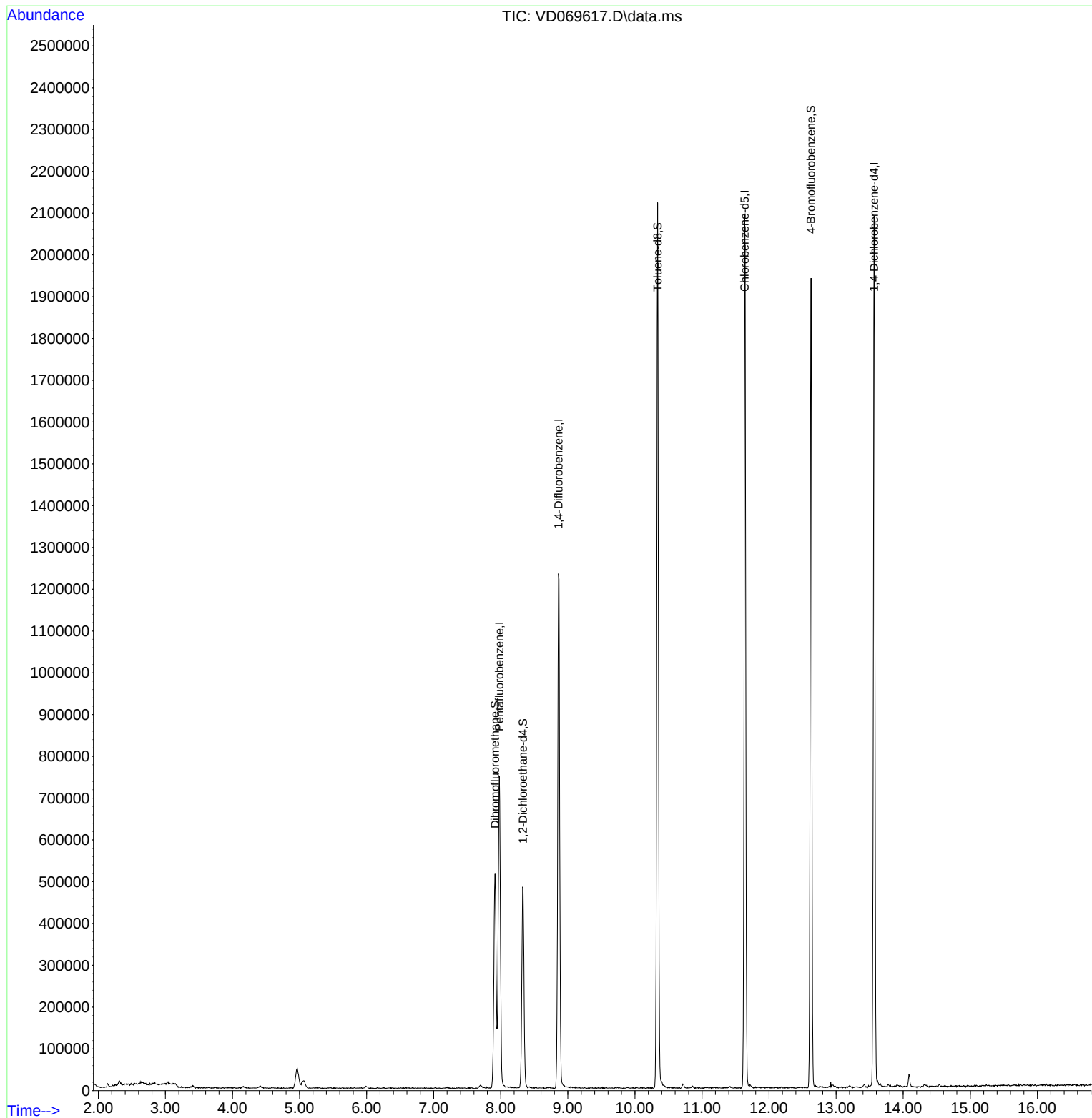
Target Compounds	Qvalue

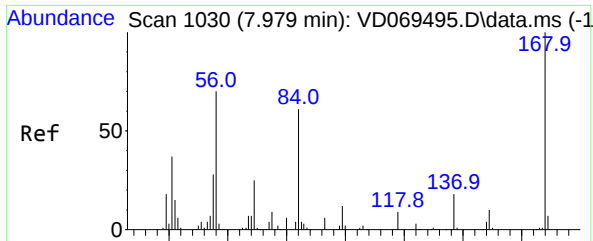
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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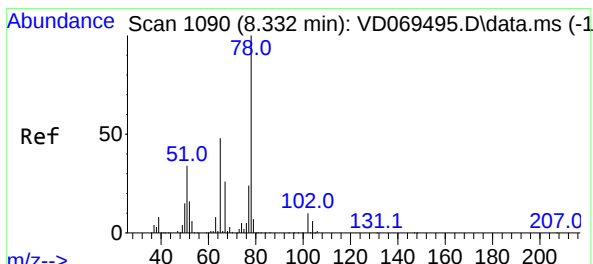
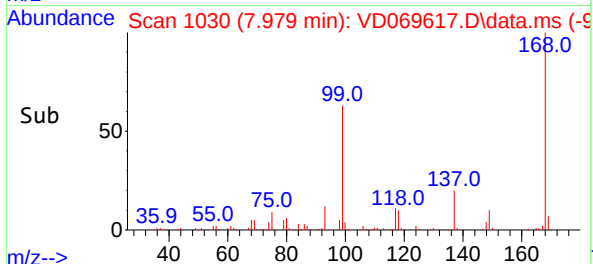
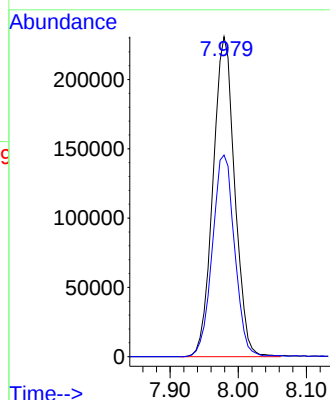
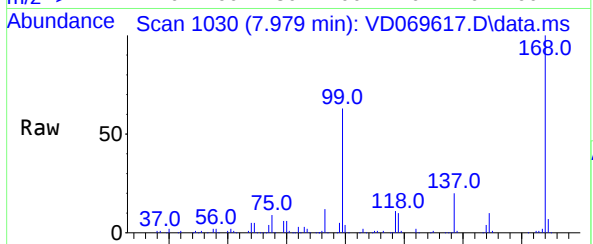




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069617.D
Acq: 07 Jul 2021 19:23

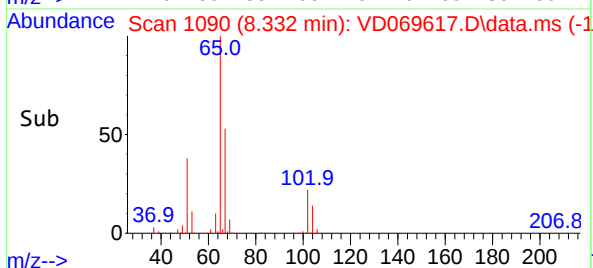
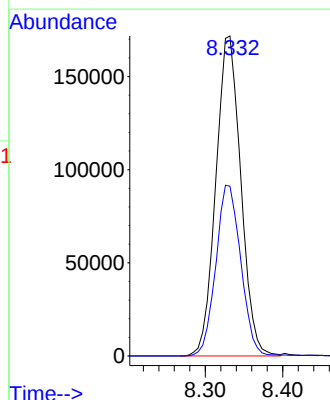
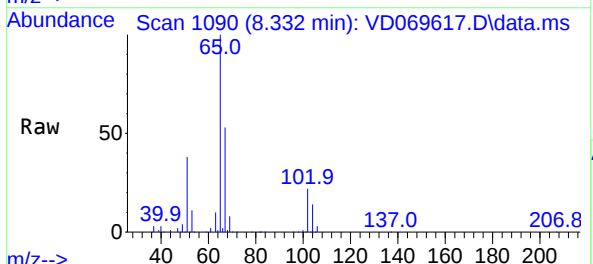
Instrument :
MSVOA_D
ClientSampled :
SB-4

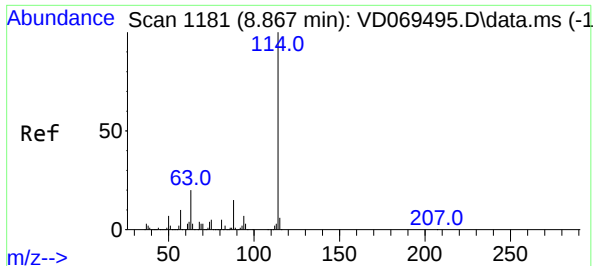
Tgt Ion:168 Resp: 512401
Ion Ratio Lower Upper
168 100
99 63.0 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 60.371 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069617.D
Acq: 07 Jul 2021 19:23

Tgt Ion: 65 Resp: 385588
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.6



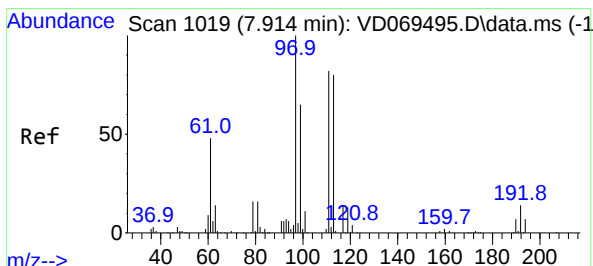
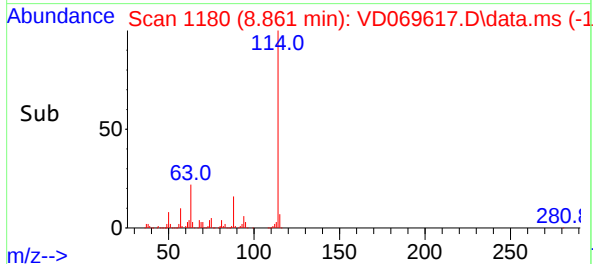
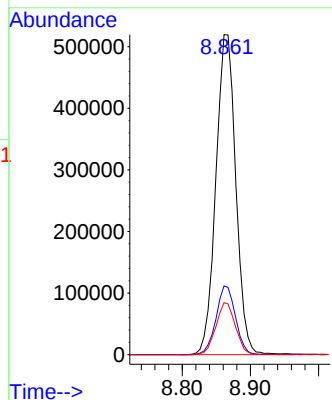
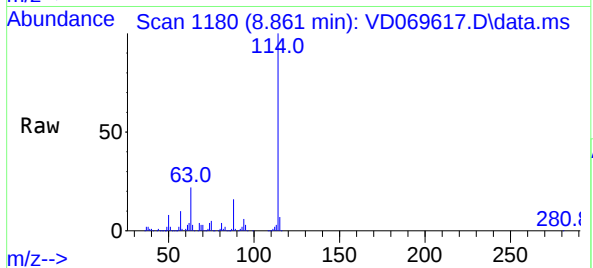


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069617.D
Acq: 07 Jul 2021 19:23

Instrument :
MSVOA_D
ClientSampled :
SB-4

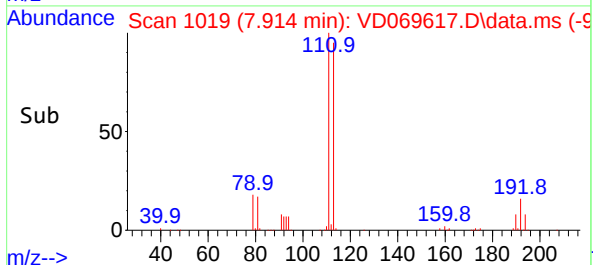
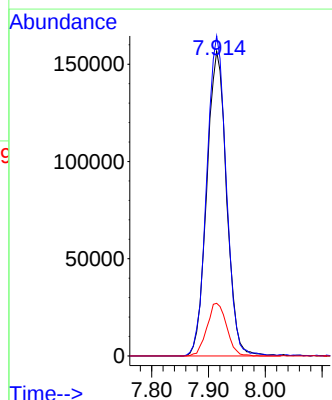
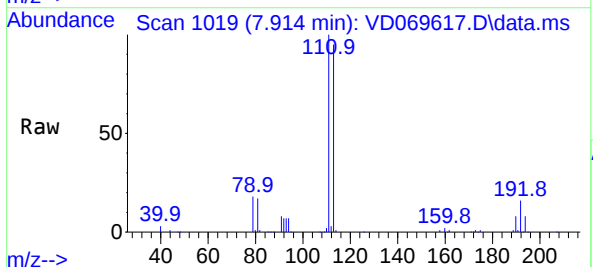
Tgt Ion:114 Resp: 1057557
Ion Ratio Lower Upper
114 100
63 21.5 0.0 39.6
88 16.3 0.0 29.8

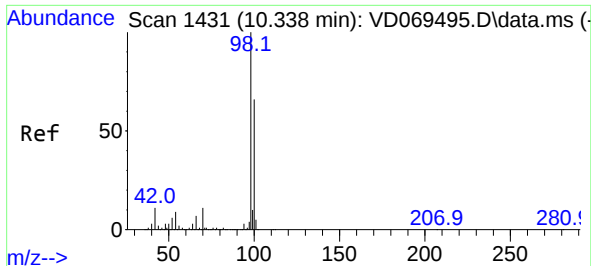


#35

Dibromofluoromethane
Concen: 52.828 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069617.D
Acq: 07 Jul 2021 19:23

Tgt Ion:113 Resp: 377664
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 17.3 13.8 20.6

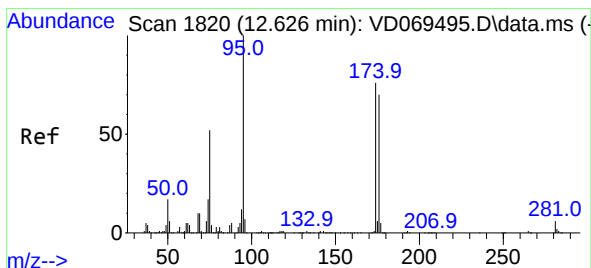
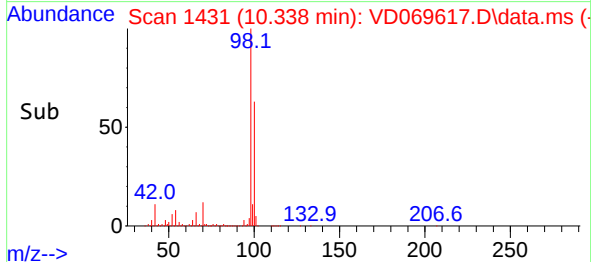
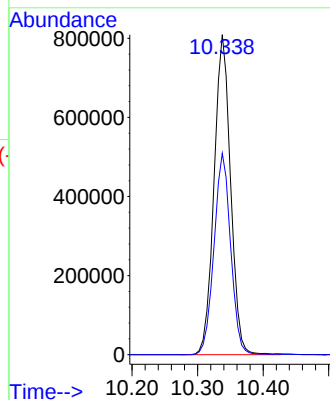
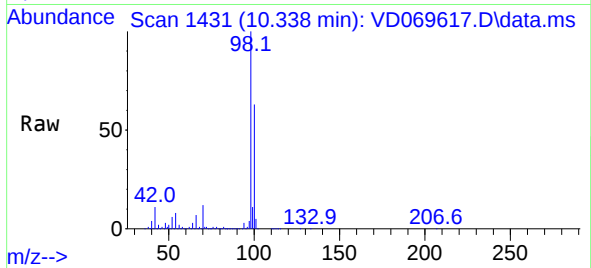




#50
Toluene-d8
Concen: 52.700 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069617.D
Acq: 07 Jul 2021 19:23

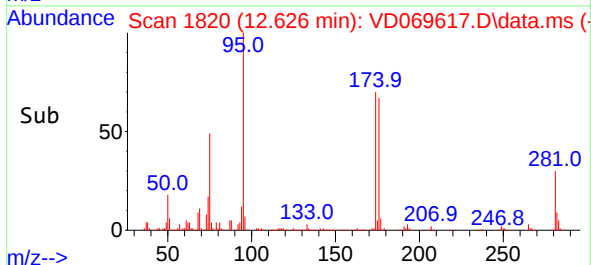
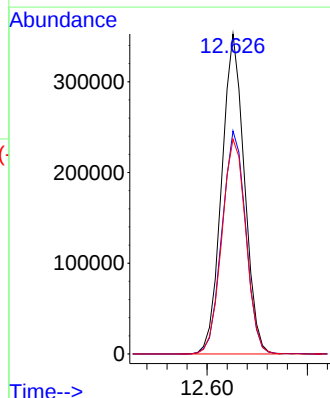
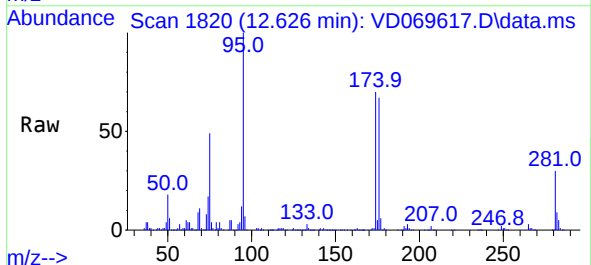
Instrument :
MSVOA_D
ClientSampled :
SB-4

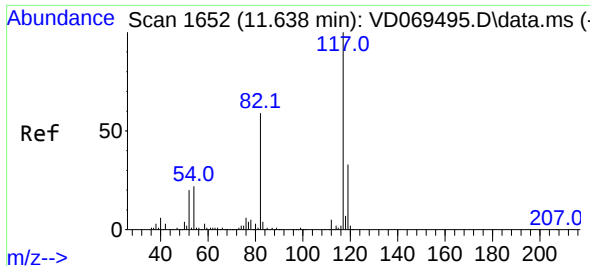
Tgt Ion: 98 Resp: 1413162
Ion Ratio Lower Upper
98 100
100 63.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 62.660 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069617.D
Acq: 07 Jul 2021 19:23

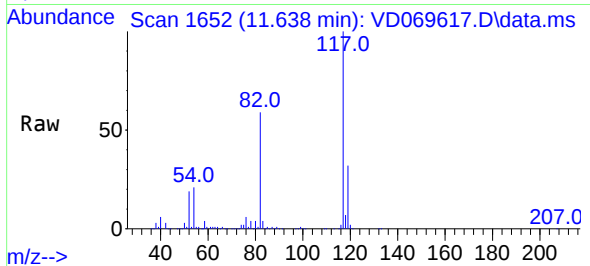
Tgt Ion: 95 Resp: 552382
Ion Ratio Lower Upper
95 100
174 72.7 0.0 148.0
176 71.0 0.0 139.8



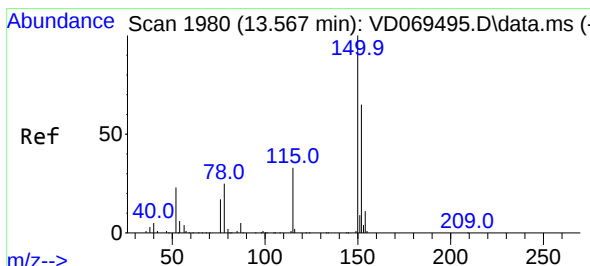
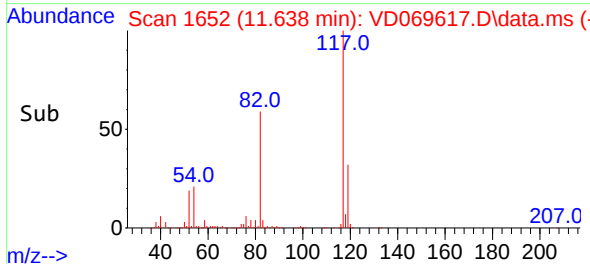
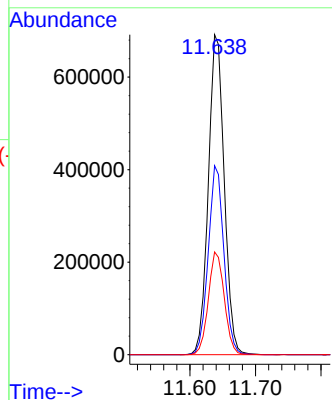


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069617.D
Acq: 07 Jul 2021 19:23

Instrument :
MSVOA_D
ClientSampled :
SB-4



Tgt Ion:117 Resp: 1167243
Ion Ratio Lower Upper
117 100
82 59.1 46.8 70.2
119 32.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069617.D
Acq: 07 Jul 2021 19:23

Tgt Ion:152 Resp: 529985
Ion Ratio Lower Upper
152 100
115 63.3 31.7 95.1
150 160.1 0.0 350.8

